ABSTRACT OF THE DISCLOSURE

Enzymes of a particular class, characterized by the ability to cleave a linkage that effects release of a cell-surface protein or carbohydrate, which does not contain an anti-infection agent, display significant anti-infectious activity. Upon oral administration, these enzymes are effective, for example, in the treatment of digestive tract infections in humans and in animals. In the latter, there are benefits of significantly improved growth rate, feed efficiency, and overall health.